[ ANARTS - Australian National Amateur Radio Teletype Society ]

This is the Australian National Amateur Radio Teleprinter Society,
with our weekly RTTY broadcast. We transmit the cast each week
at the following times and frequencies :

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  3.545 MHz (Plus/minus 5)   0930 UTC     VK2CTD (COL)
  7.045 MHz  -3              0030 UTC     VK2CTD (COL)
 14.070 MHz (amtor/fec)      0030 UTC     VK2DPM (ALAN)
 14.091 MHz                  0030 UTC
146.675 MHz             0030/0930 UTC     VK2JPA (PAT)
144.850 MHz (ax25 bbs)                    VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater)         VK2RTY
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INTERNET RADIO-INFO-DIST AT UCSD.EDU

Enquiries to the society should be addressed to the Secretary
A.N.A.R.T.S., PO Box 860, Crows Nest, NSW 2065.

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 926 15 SEPTEMBER 1996

SILENT KEY

IT IS WITH DEEP REGRET WE ANNOUNCE THE PASSING OF JIM BOYD
ZL1KN EARLY IN AUGUST FOLLOWING A LONG ILLNESS.

JIM WAS A LONG-TIME MEMBER OF ANARTS, BUT HAD HAD TO CURTAIL
HIS ACTIVITY IN RECENT YEARS OWING TO HIS ILL-HEALTH.

JIM WAS BORN IN ROTORUA 76 YEARS AGO. HE JOINED POST AND
TELEGRAPHS IN NEW ZEALAND IN 1936. WHEN THE WAR STARTED HE
BECAME AN AIR-TRAFFIC CONTROLLER IN THE PACIFIC AREA. HE
PURSUED THIS CAREER AFTER THE WAR IN CIVIL AVIATION, AND
WORKED IN NEW ZEALAND AND AROUND THE SOUTHERN PACIFIC BASIN.

ON RETIREMENT, JIM RETURNED TO ROTORUA AND ENJOYED HIS HOBBY
OF AMATEUR RADIO. JOHN IS SURVIVED BY HIS WIFE, JENNI.

VALE JIM BOYD ZL1KN

COMPILED FROM INFORMATION GIVEN TO ANARTS BY MURRAY ZL1SY.

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Some Initial Thoughts On H.F. Clover Operations, By VK6CW

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I have recently acquired a Hal Communications P38 Clover modem
This modem operates the following modes .. CLOVER .. PACTOR ..
AMTOR .. AND RTTY .. Hal Communications does not consider that
running PACKET RADIO on H.F. is a suitable mode , and
therefore it is not included ...

The clover mode differs from the normal H.F. digital modes in
that is does not include the normal MARK and SPACE tones which
for a PK-232 is 2100 hertz mark and 2300 hertz space tone.
Clover uses four Audio tones fed into the Microphone socket

and is fairly simple to set up and adjust for correct operation ..

Using Express software , which is windows based I have worked JA3BN with the following interesting results ..
Taka was able to carry on a Half duplex qso with me while transferring a PICTURE of himself at the same time , this appears in the left hand bottom corner of the screen the size being about two inches by two inches ..or 45 by 45 cm approx
I am told that every time I now have a qso with Taka this picture will be retrieved from the directory ..

As soon as I can get a suitable Picture of myself this will also then be sent to who ever I connect with on CLOVER during the normal course of the HALF duplex qso with them ..

The DIGITAL SIGNAL PROCESSING is extremely sharp and requires accurate netting , this is acommplished By the ON SCREEN tunning bars which indicate the relative difference in the received signal and your transmitted signal ..

There are many other bells and whistles included in this software . some of which include AUTOMATIC POWER OUTPUT ADJUSTMENT according to band conditions
Fully automated control of the transceiver by the computer if you have the necessary interface , this means the transceiver frequency is automatically adjusted to the incoming signal

A record of all qso/os kept in the log automatically
Full mail box Facilities
Automatic Baud rate adjustment depending on band conditions
Just to mention a few of things this exciting mode can perform

It is early days for me having only had a few qso/os .. but the Clover mode of operation on H.F is really Impressive to me as some one who has operated almost all DIGITAL modes on H.F.

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WEEKLY SOLAR AND GEOPHYSICAL REPORT

(06 SEPTEMBER - 12 SEPTEMBER

ISSUED ON 13 SEPTEMBER 1996

SUMMARY

| Date | 06 | 07 | 08 | 09 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|
| 10cm | 70 | 70 | 68 | 68 | 68 | 68 | 68 |
| A | 6 | 8 | 6 | 7 | 34 | 20 ( 20 estimated) | |
| T | 12 | 5 | -1 | 3 | 13 | 7 | 4 |

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS ACTIVE TO QUIET ON 6TH SEPTEMBER, QUIET TO UNSETTLED 7TH TO 9TH, AND 11TH; UNSETTLED TO ACTIVE 10TH AND 12TH.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE NEAR PREDICTED MONTHLY VALUES ALL WEEK.

FORECAST (13 SEPTEMBER - 19 SEPTEMBER)

GEOMAGNETIC: QUIET TO UNSETTLED.

FREQUENCIES: NEAR PREDICTED MONTHLY VALUES.

COURTESY OF IPS RADIO AND SPACE SERVICES

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UNFORTUNATELY WE DO NOT HAVE THE VK2SG RTTY DXNOTES FOR THIS WEEK, PERHAPS NEXT TIME.

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ARLD040 DX NEWS

THIS WEEK'S BULLETIN WAS MADE PO9SSIBLE WITH INFO PROVIDED BY MAURO, I1JQJ, THE 425 DX NEWS, TEDD, KB8NW, THE OPDX BULLETIN, ANTOINE, 3D2AG, CHRIS, G4BUE, THE DX NEWS SHEET AND CONTEST CORRAL FROM QST. THANKS TO ALL.

EQUATORIAL GUINEA, 3C1. EA6BH, WILL BE ACTIVE FROM COGO OCTOBER 16 TO 22 AS 3C1DX. TRY 3005, 7005, 14005, 21005, AND 28005 KHZ FOR CW, AND 14195, 21195, AND 28495 KHZ FOR SSB. SOME RTTY IS POSSIBLE ON 14088 KHZ. QSL VIA EA6BH.

UGANDA, 5X. PETER, 5X1T, WILL BE BACK ON THE AIR IN EARNEST STARTING SEPTEMBER 7. HE PLANS TO GET ON BOTH 160 AND 80 METERS.

MALDIVES, 8Q. LISTEN FOR ANDY, G4VPM, SIGNING 8Q7AS SEPTEMBER 8 TO 22. HE WILL RUN QRP TO A VERTICAL. QSL VIA CBA. EAST MALAYSIA, 9M6. STAY, JE1JKL, OPERATES 9M6NA FROM LABUAN ISLAND.

BURUNDI, 9U. ALFREDO, 9U5CW, HAS DECIDED TO TEMPORARILY SUSPEND HIS HAM ACTIVITIES DUE TO SECURITY CONCERNS.

ROTUMA ISLAND, 3D2. THER DXPEDITION PLANNED BY 3D2AG HAS BEEN POSTPONED UNTIL LATE OCTOBER OR NOVEMBER. 80 THROUGH 10 METER CW AND SSB WILL BE WORKED, AND POSSIBLY SOME 160 METERS AND RTTY. QSL VIA CBA OF 3D2AG ONLY.

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The Ohio/Penn Dx PacketCluster
DX Bulletin No. 269

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AD1C, AE4MK, K4CEF, KJ4VH, W4/YV5DTA, KH6BZF, NL7TB, K7EHI, K8HVT, WB9YXY, A35RK, DK9IP, EA3BHK, G4BUE & the DX News Sheet, JA6VZB, LU1DZ, PT2NP and SM0DJZ following DX information.

9Q, REP. OF ZAIRE. Fernando, EA4BB, informs OPDX that he will be working as an architect in Zaire for 1 year starting September 9th. He has been issued the call 9Q5BB, and has already sent a copy of the license to the DXCC authority in Newington, CT.

A35, TONGA (Update from Paul Kidd, A35RK). Paul reports that he has been off the air for the last two weeks while he was up

in the Ha'apai Island Group, but he is back in Nuku'alofa now and is active on 40-15M CW/RTTY. Paul states in that 2-3 weeks he will be re-locating to Lifuka Island in Ha'apai. He has rented a house there 20 steps from the beach, and he should be active from there by October 1st. By the way, the Ha'apai Group is IOTA OC-169. He states he is still waiting for the Force 12 antenna "package", and it should be arriving there soon. This will enable him to get on 80-10 meters with a decent signal (being right on the "saltwater groundplane").

A4, OMAN. The DX News Sheet reports Tony, A45ZN, is active 4 to 5 nights a week on 160 and 80 meters with 400 watts and a trapped dipole. He does not have permission for 6 meters, but monitors 50110 kHz. He is still awaiting the outcome of his application for an experimental licence for 6 and 30 meters.

C6, BAHAMAS. Fred, K9VV, will be active from Sugar Loaf Cay, September 13-22nd. He will be active in the WAE SSB Contest, as K9VV/C6A (or possibly a C6 callsign). QSL via CBA.

JOHN ALEXANDER, K6SVL SK. It is with great sorrow to report that K6SVL has become a silent key (SK) this past weekend. John served as DXAC Rep Southwestern Division and his present on the committee will surely be missed. Members of NODXA, NOARS and the contributors of the OPDXB send out our deep sympathy.

JY8, JORDAN. Bob, WB9YXY, will once again be visiting friends in Jordan and reactivating his call sign JY8XY. He is expected to be active from October 1-20th and his operations will be on CW and SBB with activity on 80-10 meters (with the exception of the WARC bands). Like last year, emphasis will again be given to CW. He will have two stations available, both TS-830s; one with a TH6, low band antennas, and amp; the other at a different location with a TH3. The chances of getting an antenna erected for 160 meters are slim due to space limitations, but Bob will reevaluate the situation and if there is any way possible to get on the band, he will. Bob also states you may hear him operating from a neighboring country or two as well as he hopes to have time to visit some friends in the other regions. QSL (w/SASE) to home call WB9YXY and they will be answered immediately upon his return.

PJ9, BONAIRE (Netherlands Antilles). PJ9T will be a Multi/Single entry in the CQ WW SSB Contest, October 26-27th. Bonaire has an IOTA of SA-006. Operators will include AB4JI, K4ADK, KJ4VH, KU4J, N4OKX and WA4DPU. They will be signing PJ2/ before and after the contest October 19-29th (QSL via home call signs). QSL PJ9T via AB4JI.

ZL7PR PIRATE FROM CHATHAM ISLAND. W4FOA spoke with Jim, VK9NS, and he confirms that Peter, ZL7PR is indeed a pirate. This same operator has been known to use ZK3YA's callsign (a legitimate YL operator on ZK3), plus others including VR8B, etc. Jim is working with some ZL authorities in an effort to close this station down. Some of his operating habits include the use of "ere" for here, frequent use of "OC", works phantom DX stations - often some prefixes that no longer exist ie. UF6 etc). He also never gives any QSL info whereas ZK3YA always gives her name/QSL route and often tells she is a teacher on ZK for 3 more years.

ZV0, TRINDADE & MARTIN VAZ ISLAND. Stuckert/PT2GTI,

Lunkes/PT2HF and Paul/PT2NP from the ABRA-DX Brazilian Association, will be active after the first week of October on both SSB and CW. QSL info will be PT2DX, the callsign of ABRA (OK in CBA). The team already has been issued the callsigns ZV0MB and ZV0MV. The group will have one more meeting with Brazilian Navy Authorities to work out the final details for this DXpedition. They will carry the team by helicopter to the island, which is a big rock of about 130 meters high over Atlantic Ocean. It will be the first operation in the history of that island and the first time that somebody inhabited it.

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ARRL Magazine QEX

Could any VK Amateur help please with a copy of the article, by Johan Forrer, KC7WW, in an issue of "QEX", date unknown, where the author describes a RTTY/PACTOR Converter.

I would welcome information and would cover costs of copy and postage if anyone can help.

Thanks from Rob Gurr, VK5RG, 35 Grandview Ave., URRBRAE SA 5064.

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COMING EVENTS

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|---|---|---|
| SEPTEMBER | 28TH-29TH | CQ/DJ WW DIGITAL |
| OCTOBER | 19TH-20TH | JARTS WW RTTY |

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Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA at VK2WI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or fax to (02) 9672-3392, or by packet to VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

73s de Pat VK2JPA Broadcast Officer

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Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99